

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2020 Levee Inspection Results

Madera County FCWCA

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 01 Ash Slough			Right	2.37
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/14/2020 - 4/14/2020			
DWR Inspector	Corey Fujitani			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start		Rating **	A	Issue No.	41
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0011_01_s_2012_41				
Comment Code					
Inspector Comment					
Madera County has a copy of the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	43
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0011_01_s_2012_43				
Comment Code					
Inspector Comment					
Madera County has emergency supplies.					

No Photos

LM Start		Rating **	A	Issue No.	44
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0011_01_s_2012_44				
Comment Code					
Inspector Comment					
Madera County Flood Control has a good working knowledge of flood response activities and has been involved in flood fight training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.02	Rating **	M	Issue No.	15
LM End	0.02	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046524 °	37.046524 °
				-120.427616 °	-120.427616 °
DWR ID	DWR_NA0011_01_f _ 2018_15				
Comment Code					
DE : Debris					
Inspector Comment					
Pallets left on levee crown should be removed.					

Photo 1 of 2 : SP_2020_NA0011_142_15_20200225_00007.jpg



Pallets used as a sign on levee crown. (Fall 2019)

LM Start	0.02	Rating **	M	Issue No.	15 (cont)
LM End	0.02	Issue Type +	En	Location *	CR

Photo 2 of 2 : SP_2020_NA0011_142_15_20200225_00008.jpg



Pallets left on levee crown. (Fall 2018)

LM Start	0.03	Rating **	U	Issue No.	18
LM End	0.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046566 °	37.046715 °
				-120.427512 °	-120.426964 °
DWR ID	DWR_NA0011_01_s_2014_18				
Comment Code					
DT : Ditch					
Inspector Comment					
There seem to be lots of activity going on at this location. This ditch will cause more damage to the levee slope and toe.					

Photo 1 of 2 : SP_2020_NA0011_142_18_20200417_00034.jpg



Looking upstream at existing ditch along the landside toe. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.03	Rating **	U	Issue No.	18 (cont)
LM End	0.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046566 °	37.046715 °
				-120.427512 °	-120.426964 °
DWR ID	DWR_NA0011_01_s_2014_18				

Photo 2 of 2 : SP_2020_NA0011_142_18_20200225_00009.jpg



Ash Slough looking upstream from the landside slope levee mile 0.03.

LM Start	0.03	Rating **	U	Issue No.	7
LM End	0.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046600 °	37.054865 °
				-120.427453 °	-120.416844 °
DWR ID	DWR_NA0011_01_s_2020_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_142_7_20200417_00035.jpg



View of vegetation on the waterside slope looking downstream. (Spring 2020)

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Spring 2020

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.	45
LM End	0.04	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.046618 °	37.046618 °	
			-120.427350 °	-120.427350 °	
DWR ID	21513				

Comment Code

Inspector Comment

DS_ID:21513
FS_ID:53153
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/31/2018 Erosion present on both the right and the left side of the concrete headwall located on the LS. Pipe inlet is about 50 percent filled with soil. WS outlet is at a low point, water will pond against the levee until it reaches channel elevation. This crossing does not properly drain to the channel. Levee is composed of highly erodible material. Recommend clearing soil from pipe and completing internal pipe inspection to determine pipe integrity through levee. (O. Magana - DWR UCIP)
07/14/2016 No inspection completed--need to inspect October 2016. (DWR UCIP - omagana)05/06/2014 Landward slope has been excavated and a berm built in front of landward headwall. Sediment visible inside pipe from landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment and waterward headwall to conduct proper inspection of structure. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 10/31/2018 11:25:00 AM

LM Start	0.04	Rating **	U	Issue No.	45 (cont)
LM End	0.04	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_53153_69674.jpg



View of WS--dense vegetation along WS slope.

Photo 2 of 3 : UCIP_SP_2020_53153_69673.jpg



Flap gate located on WS blocked by dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.	45 (cont)
LM End	0.04	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.046618 °	37.046618 °	
			-120.427350 °	-120.427350 °	
DWR ID	21513				

Photo 3 of 3 : UCIP_SP_2020_53153_69675.jpg



View of LS--levee slope has been modified.

LM Start	0.04	Rating **	U	Issue No.	20
LM End	0.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.046624 °	37.046624 °
				-120.427317 °	-120.427317 °
DWR ID	DWR_NA0011_01_s_2014_20				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
This is not a new erosion site, it should be repaired before the condition gets any worse.					

Photo 1 of 2 : SP_2020_NA0011_142_20_20200417_00036.jpg



View of slope damage next to pipe headwall structure. (Spring 2020)

LM Start	0.04	Rating **	U	Issue No.	20 (cont)
LM End	0.04	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2020_NA0011_142_20_20200225_00010.jpg



View of damage to landside slope. (Fall 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Spring 2020

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.	36
LM End	0.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046589 °	37.046722 °
				-120.427298 °	-120.426940 °
DWR ID	DWR_NA0011_01_s_2012_36				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside slope.					

Photo 1 of 2 : SP_2020_NA0011_142_36_20200417_00037.jpg



Looking upstream at prunings left on the landside slope and toe. (Spring 2020)

LM Start	0.04	Rating **	M	Issue No.	36 (cont)
LM End	0.06	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2020_NA0011_142_36_20200225_00020.jpg



View of prunings left on the landside slope. (Fall 2018)

LM Start	0.06	Rating **	M	Issue No.	19
LM End	2.31	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.046732 °	37.067958 °
				-120.426922 °	-120.398828 °
DWR ID	DWR_NA0011_01_s_2017_19				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.11	Rating **	M	Issue No.	17
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.046890 °	37.058220 °
				-120.426137 °	-120.410671 °
DWR ID	DWR_NA0011_01_f_2016_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.25	Rating **	U	Issue No.	12
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047546 °	37.053543 °
				-120.423707 °	-120.417370 °
DWR ID	DWR_NA0011_01_s_2020_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_142_12_20200417_00038.jpg



View of the landside slope looking upstream. (Spring 2020)

LM Start	0.28	Rating **	M	Issue No.	6
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047812 °	37.047963 °
				-120.423155 °	-120.422898 °
DWR ID	DWR_NA0011_01_s_2012_6				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.53	Rating **	M	Issue No.	10
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.050335 °	37.050335 °
				-120.419965 °	-120.419965 °
DWR ID	DWR_NA0011_01_s_2012_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside slope.					

No Photos

LM Start	0.59	Rating **	U	Issue No.	13
LM End	0.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.050920 °	37.051093 °
				-120.419210 °	-120.418992 °
DWR ID	DWR_NA0011_01_f_2017_13				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the large pruning piles on landside slope. Pile obstructing levee crown access.					

Photo 1 of 2 : SP_2020_NA0011_142_13_20200417_00040.jpg



Large pruning piles obstructing the landside slope and toe. (Spring 2020)

LM Start	0.59	Rating **	U	Issue No.	13 (cont)
LM End	0.61	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2020_NA0011_142_13_20200225_00003.jpg



Large pruning pile left on landside slope. (Fall 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.61	Rating **	U	Issue No.	30
LM End	0.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.051082 °	37.053543 °
				-120.419031 °	-120.417370 °
DWR ID	DWR_NA0011_01_s_2020_30				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_142_30_20200417_00042.jpg



View of vegetation along the levee crown. (Spring 2020)

LM Start	0.62	Rating **	M	Issue No.	37
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.051222 °	37.051222 °
				-120.418810 °	-120.418810 °
DWR ID	DWR_NA0011_01_f _ 2015_37				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree branches from the waterside slope.					

No Photos

LM Start	0.74	Rating **	U	Issue No.	14
LM End	0.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.052619 °	37.053238 °
				-120.417726 °	-120.417488 °
DWR ID	DWR_NA0011_01_s_2013_14				
Comment Code					
EQ : Equipment					
Inspector Comment					
Move equipment and debris away from levee to allow inspection and access to landside slope, toe and 10-foot easement.					

Photo 1 of 1 : SP_2020_NA0011_142_14_20200417_00045.jpg



Farm equipment and debris placed within the easement landside levee toe. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Spring 2020

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.75	Rating **	U	Issue No.	21
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.052796 °	37.052796 °
				-120.417641 °	-120.417640 °
DWR ID	DWR_NA0011_01_f _ 2017_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limbs from waterside slope.					

Photo 1 of 1 : SP_2020_NA0011_142_21_20200225_00012.jpg



Looking west at tree limbs and branches on waterward slope. (Spring 2018)

LM Start	0.79	Rating **	U	Issue No.	25
LM End	0.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.053329 °	37.053329 °
				-120.417448 °	-120.417448 °
DWR ID	DWR_NA0011_01_f_2018_25				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There is a fallen tree blocking the waterside slope.					

Photo 1 of 1 : SP_2020_NA0011_142_25_20200225_00015.jpg



tree limbs and trunks on waterside shoulder and slope. (Fall 2018)

LM Start	0.86	Rating **	M	Issue No.	26
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.054333 °	37.054460 °
				-120.417057 °	-120.417043 °
DWR ID	DWR_NA0011_01_f_2016_26				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Maintain the trees to allow visibility of the levee slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Madera County FCWCA

No Photos

Photo 1 of 1 : SP_2020_NA0011_142_29_20200225_00017.jpg



View of erosion looking upstream along the landside slope. (Fall 2019)

Photo 1 of 1 : SP_2020_NA0011_142_33_20200417_00043.jpg



Pruning piles left on the landside berm. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

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Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

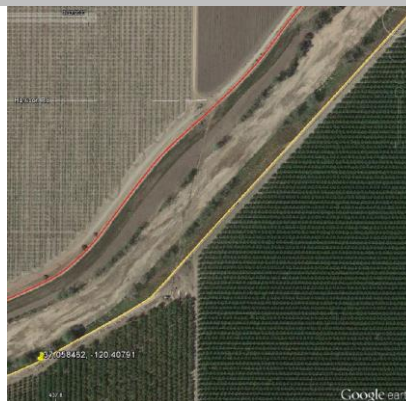
LM Start	1.71	Rating **	M	Issue No.	46
LM End	1.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.061496 °	37.061496 °
				-120.405348 °	-120.405348 °
DWR ID	25456				

Comment Code

Inspector Comment

DS_ID:25456
FS_ID:53155
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/31/2018 Pipe has been capped off. No integrity issues were observed during the site inspection. Crossing has been downgraded from Urgent to Non-Urgent. Need to coordinate with the CVFPB to determine if the unauthorized crossing will need to be removed, pending issue that needs to be resolved. (O. Magana - DWR UCIP)
07/14/2016 Open pipe still remains on WS through short levee. Need to contact owner to determine extent of work completed through section of levee. (DWR UCIP - omagana)
06/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area disturbed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the additional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. This crossing was field discovered. The owner of this crossing is Michael Alexander Sterling, 19140 Faralton Road, Madera, CA 93638-0313.
FS Date: 10/31/2018 11:26:00 AM

Photo 1 of 3 : UCIP_SP_2020_53155_75206.jpg



Aerial photo of Encroachment visible through levee and channel in 2015.
(Source: Google Earth, 3/18/2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.71	Rating **	M	Issue No.	46 (cont)
LM End	1.71	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.061496 °	37.061496 °	
			-120.405348 °	-120.405348 °	
DWR ID	25456				

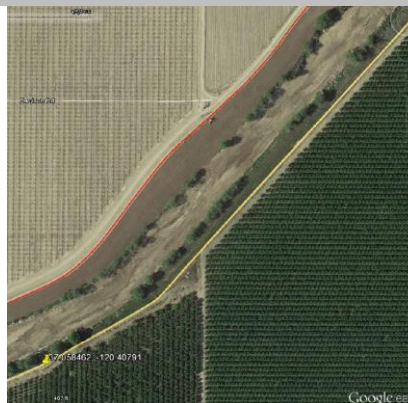
Photo 2 of 3 : UCIP_SP_2020_53155_75221.jpg



Assumed alignment of pipe through the levees and along LS toe of U2.
(Source: Google Earth, 3/18/2015)

LM Start	1.71	Rating **	M	Issue No.	46 (cont)
LM End	1.71	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_53155_75207.jpg



Aerial photo of Encroachment not present in 2014. (Source: Google Earth, 4/5/2014)

LM Start	1.73	Rating **	M	Issue No.	34
LM End	2.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.061636 °	37.068545 °
				-120.405210 °	-120.398665 °
DWR ID	DWR_NA0011_01_s_2020_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_142_34_20200417_00044.jpg



View of landside slope looking upstream. (Spring 2020)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.73	Rating **	U	Issue No.	35
LM End	2.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.061636 °	37.068564 °
				-120.405209 °	-120.398652 °
DWR ID	DWR_NA0011_01_s _ 2020_35				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_142_35_20200417_00046.jpg



View of vegetation growing along the waterside slope looking upstream.
(Spring 2020)

LM Start	1.79	Rating **	M	Issue No.	38
LM End	2.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.062304 °	37.068569 °
				-120.404445 °	-120.398649 °
DWR ID	DWR_NA0011_01_s _ 2020_38				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	2.09	Rating **	M	Issue No.	47
LM End	2.09	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.065569 °	37.065569 °
				-120.400752 °	-120.400752 °
DWR ID	21511				
Comment Code					
Inspector Comment					
DS_ID:21511 FS_ID:52846 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 05/06/2014 Need to contact to owner to get contact information. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Telephone conduit of an unknown size or material through the levee, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014					

Photo 1 of 1 : UCIP_SP_2020_52846_71806.jpg



Conduit box located on waterward side.

LM Start	2.10	Rating **	M	Issue No.	48
LM End	2.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.065649 °	37.065649 °
				-120.400663 °	-120.400663 °
DWR ID	25042				
Comment Code					
Inspector Comment					
DS_ID:25042 FS_ID:52847 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine if crossing goes through levee. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 10-inch or 12-inch drainage discharge pipe of an unknown material through the levee, at an unknown depth. Crossing visible inside a concrete standpipe on the waterside (WS). Potential pump station on the landside (LS), approximately 100 feet from the standpipe. This crossing was field discovered. FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_SP_2020_52847_71800.jpg



Pump station visible approximately 100 feet from concrete standpipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	2.10	Rating **	M	Issue No.	48 (cont)
LM End	2.10	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.065649 °	37.065649 °	
			-120.400663 °	-120.400663 °	
DWR ID	25042				

Photo 2 of 3 : UCIP_SP_2020_52847_71803.jpg



Standpipe visible on waterward side.

LM Start	2.10	Rating **	M	Issue No.	48 (cont)
LM End	2.10	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_52847_71804.jpg



Inside view of concrete standpipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	2.37	Rating **	M	Issue No.	49	
LM End	2.37	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.068763 °	37.068763 °	
				-120.398523 °	-120.398523 °	
DWR ID	21512					
Comment Code						
Inspector Comment						
DS_ID:21512						
FS_ID:52848						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 05/06/2014 Unable to determine details of crossing and whether crossing has been abandoned. Need to find owner and determine the alignment of crossing to confirm if pipe is being extended from opposite levee. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: *ABANDONED* Service pole, pump, and two 36-inch standpipes on the landside (LS). Pump not found during 2014 inspection. Three standpipes found on the LS. [Additional Reference(s): DWR Levee Log, 2005].						
FS Date: 5/6/2014						

LM Start	2.37	Rating **	M	Issue No.	49 (cont)
LM End	2.37	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_52848_69679.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2020_52848_69678.jpg



View of waterward slope--no signs of crossing visible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2020 04/14/2020	Corey Fujitani

LM Start	2.37	Rating **	M	Issue No.	49 (cont)
LM End	2.37	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.068763 °	37.068763 °
				-120.398523 °	-120.398523 °
DWR ID	21512				

Photo 3 of 3 : UCIP_SP_2020_52848_69677.jpg



Three stand pipes visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 02 Ash Slough			Left	2.04
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/14/2020 - 4/14/2020			
DWR Inspector	Corey Fujitani			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	47	
LM End	0.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.045532 °	37.045532 °	
				-120.427268 °	-120.427268 °	
DWR ID	21585					
Comment Code						
Inspector Comment						
DS_ID:21585 FS_ID:52830 EP_NO: 8068 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Unable to confirm if crossing found in the field corresponds to the crossing described under Permit 8068. Only 1 crossing found permit indicates 2 irrigation culverts. Need to contact owner to obtain additional details of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: To retain two irrigation culverts and siphons of an unknown size or material through the levee, at an unknown depth. Located at the intersection of Ash Slough and the Chowchilla Canal. FS Date: 5/6/2014						

LM Start	0.01	Rating **	M	Issue No.	47 (cont)
LM End	0.01	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_52830_71662.jpg



View of landward side.

Photo 2 of 3 : UCIP_SP_2020_52830_71661.jpg



View of riser located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	47 (cont)
LM End	0.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.045532 °	37.045532 °
				-120.427268 °	-120.427268 °
DWR ID	21585				

Photo 3 of 3 : UCIP_SP_2020_52830_71660.jpg



Pipe outlet on waterward side.

LM Start	0.01	Rating **	U	Issue No.	32
LM End	0.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.045531 °	37.045620 °
				-120.427244 °	-120.426900 °
DWR ID	DWR_NA0011_02_f_2012_32				
Comment Code					
DT : Ditch					
Inspector Comment					
There is a settling basin on the landward side of the levee. This basin is very close to the landside easement.					

Photo 1 of 1 : SP_2020_NA0011_143_32_20200225_00025.jpg



Ash Slough at levee mile 0.01- 0.03. Settling basin on the landside levee berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.09	Rating **	U	Issue No.	12
LM End	0.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.045876 °	37.046198 °
				-120.425932 °	-120.424737 °
DWR ID	DWR_NA0011_02_f_2017_12				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_143_12_20200225_00009.jpg



Move equipment away from levee slope, toe and 10-foot easement at toe to allow inspection and access.

LM Start	0.16	Rating **	C	Issue No.	23
LM End	0.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046240 °	37.046583 °
				-120.424608 °	-120.423560 °
DWR ID	DWR_NA0011_02_s_2017_23				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim the tree limbs blocking view of landward levee slope.					

No Photos

LM Start	0.21	Rating **	C	Issue No.	46
LM End	0.21	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.046533 °	37.046533 °
				-120.423762 °	-120.423762 °
DWR ID	DWR_NA0011_02_f_2015_46				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim tree limb hanging over the crown roadway.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.23	Rating **	U	Issue No.	37
LM End	0.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046661 °	37.054490 °
				-120.423458 °	-120.415867 °
DWR ID	DWR_NA0011_02_s_2020_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_143_37_20200417_00050.jpg



View of the vegetation on the waterside slope looking downstream.
(Spring 2020)

LM Start	0.27	Rating **	M	Issue No.	21
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.046937 °	37.047192 °
				-120.422815 °	-120.422517 °
DWR ID	DWR_NA0011_02_s_2012_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.30	Rating **	M	Issue No.	5
LM End	0.30	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047100 °	37.047100 °
				-120.422448 °	-120.422448 °
DWR ID	DWR NA0011 02 f 2012 5				

Comment Code

FE : Fence

Inspector Comment

This fence was not authorized by CVFPB. The District is aware of the fence. The landowner installed the fence and gate across the levee section because he has been broken into frequently and had many items stolen in the past. An inspector met with the landowner on 4-29-2014 and he let the inspector put a State lock on his gate to gain access to the levee.

LM Start	0.30	Rating **	M	Issue No.	5 (cont)
LM End	0.30	Issue Type +	En	Location *	CR

Photo 1 of 2 : SP_2020_NA0011_143_5_20200225_00004.jpg



Unauthorized gate and metal fence placed on slope and toe of levee section. Photo taken 4-17-2013.

Photo 2 of 2 : SP_2020_NA0011_143_5_20200225_00005.jpg



New photo 5-4-2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.31	Rating **	M	Issue No.	48	
LM End	0.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.047245 °	37.047245 °	
				-120.422403 °	-120.422403 °	
DWR ID	21514					
Comment Code						
Inspector Comment						
DS_ID:21514 FS_ID:52834 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine details of crossing and permit information authorizing crossing. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Gravity drainage pipe of an unknown size or material through the levee, at a skew and at an unknown depth. Concrete discharge structure at the waterside (WS) end. Standpipe with gage house off the landside (LS) toe. No gage house found on the LS during inspection. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

LM Start	0.31	Rating **	M	Issue No.	48 (cont)
LM End	0.31	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_52834_64463.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2020_52834_64466.jpg



Locked box (unknown purpose) located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.31	Rating **	M	Issue No.	48 (cont)
LM End	0.31	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.047245 °	37.047245 °	
			-120.422403 °	-120.422403 °	
DWR ID	21514				

Photo 3 of 3 : UCIP_SP_2020_52834_64465.jpg



Dense vegetation on waterward slope.

LM Start	0.31	Rating **	M	Issue No.	13
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.047266 °	37.047266 °
				-120.422393 °	-120.422393 °
DWR ID	DWR_NA0011_02_f_2017_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_143_13_20200225_00010.jpg



Vehicle access to levee slope should be prevented and erosion repaired.

LM Start	0.32	Rating **	U	Issue No.	38
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047264 °	37.054490 °
				-120.422125 °	-120.415867 °
DWR ID	DWR_NA0011_02_s_2020_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_143_38_20200417_00051.jpg



Looking downstream along the landside slope. (Spring 2020)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.32	Rating **	U	Issue No.	42
LM End	0.44	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047265 °	37.048561 °
				-120.422125 °	-120.420562 °
DWR ID	DWR_NA0011_02_s_2020_42				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_143_42_20200417_00052.jpg



View of levee crown looking downstream. (Spring 2020)

LM Start	0.32	Rating **	M	Issue No.	19
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.047376 °	37.059952 °
				-120.422190 °	-120.405448 °
DWR ID	DWR_NA0011_02_s_2017_19				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.32	Rating **	U	Issue No.	39
LM End	1.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.047376 °	37.060091 °
				-120.422190 °	-120.405340 °
DWR ID	DWR_NA0011_02_f_2015_39				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
The levee section waterside is covered with rodent holes.					

Photo 1 of 2 : SP_2020_NA0011_143_39_20200225_00028.jpg



Active rodents spotted in the area waterside slope levee mile 0.00- 1.67.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.32	Rating **	U	Issue No.	39 (cont)
LM End	1.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.047376 °	37.060091 °
				-120.422190 °	-120.405340 °
DWR ID	DWR_NA0011_02_f_2015_39				

Photo 2 of 2 : SP_2020_NA0011_143_39_20200225_00029.jpg



Other rodent holes noted in the slope waterside levee section.

LM Start	0.32	Rating **	M	Issue No.	22
LM End	2.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.047376 °	37.063718 °
				-120.422190 °	-120.401358 °
DWR ID	DWR_NA0011_02_s_2017_22				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	0.32	Rating **	M	Issue No.	28
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047416 °	37.047416 °
				-120.422142 °	-120.422142 °
DWR ID	DWR_NA0011_02_f_2012_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree limbs from the waterside slope.					

Photo 1 of 1 : SP_2020_NA0011_143_28_20200225_00022.jpg



Looking downstream at tree limbs on waterward slope and toe. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.33	Rating **	U	Issue No.	33
LM End	0.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047485 °	37.048403 °
				-120.422037 °	-120.420810 °
DWR ID	DWR_NA0011_02_s_2017_33				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead fallen trees from the waterside slope.					

Photo 1 of 1 : SP_2020_NA0011_143_33_20200225_00026.jpg



Dead fallen trees on the waterside levee slope and shoulder.

LM Start	0.35	Rating **	M	Issue No.	14
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.047653 °	37.048304 °
				-120.421813 °	-120.420967 °
DWR ID	DWR_NA0011_02_f_2017_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Waterside tree branches hanging over crown interfere with crown access and waterside visibility.					

Photo 1 of 1 : SP_2020_NA0011_143_14_20200225_00011.jpg



Looking downstream at untrimmed trees on waterward shoulder and slope. (Spring 2018)

LM Start	0.45	Rating **	M	Issue No.	11
LM End	0.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.048627 °	37.049342 °
				-120.420357 °	-120.419370 °
DWR ID	DWR_NA0011_02_s_2012_11				
Comment Code					
FE : Fence					
Inspector Comment					
Wire fence on the landside levee shoulder along with unwanted tall weed growth.					

Photo 1 of 1 : SP_2020_NA0011_143_11_20200225_00008.jpg



Fence on the landside slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.52	Rating **	M	Issue No.	35
LM End	0.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.049289 °	37.049289 °
				-120.419542 °	-120.419542 °
DWR ID	DWR_NA0011_02_s_2013_35				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim tree off the slope.					

No Photos

LM Start	0.56	Rating **	M	Issue No.	40
LM End	0.81	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.049693 °	37.052783 °
				-120.419066 °	-120.416534 °
DWR ID	DWR_NA0011_02_s_2020_40				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	0.56	Rating **	M	Issue No.	15
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.049723 °	37.049723 °
				-120.419026 °	-120.419026 °
DWR ID	DWR_NA0011_02_f_2017_15				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove fallen trees and limbs from waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.93	Rating **	M	Issue No.	34
LM End	0.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.054407 °	37.054407 °
				-120.415928 °	-120.415928 °
DWR ID	DWR_NA0011_02_s_2017_34				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the prunings from the waterside slope.					

Photo 1 of 1 : SP_2020_NA0011_143_34_20200225_00027.jpg



Looking downstream at bush pile on waterward slope. (Spring 2018)

LM Start	0.94	Rating **	M	Issue No.	36
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.054490 °	37.059265 °
				-120.415867 °	-120.406242 °
DWR ID	DWR_NA0011_02_s_2020_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	49
LM End	0.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.054547 °	37.054547 °
				-120.415826 °	-120.415826 °
DWR ID	25043				

Comment Code

Inspector Comment

DS_ID:25043
FS_ID:52839
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/06/2014 Need to contact owner to determine status. Need permit authorizing work. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 5-inch steel communications conduit along the downstream face of the bridge. The upstream face has a 2-inch pipe cut at the corner. This crossing was field discovered.
FS Date: 5/6/2014

LM Start	0.94	Rating **	M	Issue No.	49 (cont)
LM End	0.94	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_52839_71823.jpg



Conduit along face of bridge.

Photo 2 of 3 : UCIP_SP_2020_52839_71822.jpg



View of steel conduit through levee and above channel.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	49 (cont)
LM End	0.94	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.054547 °	37.054547 °	
			-120.415826 °	-120.415826 °	
DWR ID	25043				

Photo 3 of 3 : UCIP_SP_2020_52839_71821.jpg



Overview of bridge.

LM Start	0.98	Rating **	U	Issue No.	27
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.054928 °	37.058752 °
				-120.415482 °	-120.407323 °
DWR ID	DWR_NA0011_02_s_2017_27				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead trees from the waterside slope and shoulder.					

Photo 1 of 1 : SP_2020_NA0011_143_27_20200417_00053.jpg



Branches left along the waterside slope from high flow. (Spring 2020)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.10	Rating **	U	Issue No.	1	
LM End	1.19	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.055596 °	37.055596 °	
				-120.412647 °	-120.412647 °	
DWR ID	NA0011U02RM2.57					
Comment Code						
Inspector Comment						
Site ID: NA0011U02RM2.57 09/10/2019: No significant change observed. 09/20/2017: No significant change observed. 07/22/2016: No significant change observed. 09/08/2015: No significant change observed. 07/22/2014: No significant change observed. 08/30/2013: No significant change observed. 07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site 08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected. 11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events. 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO. 2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M" 9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed.						

Photo 1 of 1 : SP_2020_NA0011_143_1_20200225_00001.jpg



View of the erosion site from the levee crest.

LM Start	1.10	Rating **	M	Issue No.	17
LM End	1.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.055437 °	37.055533 °
				-120.413392 °	-120.412863 °
DWR ID	DWR_NA0011_02_f_2017_17				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim branches from waterside tree hanging low over the crown inhibiting crown access.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.24	Rating **	M	Issue No.	18
LM End	1.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.056226 °	37.056226 °
				-120.411066 °	-120.411066 °
DWR ID	DWR_NA0011_02_f_2017_18				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					
Landowner removed most of the landscaping except for cactus and grapevines planted at landward toe.					

Photo 1 of 1 : SP_2020_NA0011_143_18_20200225_00012.jpg



Grapevines, landscaping vegetation, and cactus. (Fall 2018)

LM Start	1.51	Rating **	M	Issue No.	25
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.058652 °	37.058802 °
				-120.407638 °	-120.407350 °
DWR ID	DWR_NA0011_02_s_2012_25				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim the trees on the waterside slope levee miles 1.51-1.52.					

Photo 1 of 1 : SP_2020_NA0011_143_25_20200225_00019.jpg



Looking downstream at untrimmed tree on waterward slope. (Spring 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.52	Rating **	U	Issue No.	29
LM End	1.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.059016 °	37.058978 °
				-120.406754 °	-120.406847 °
DWR ID	DWR_NA0011_02_f_2018_29				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					
Irrigation valves set into levee slope and toe.					

Photo 1 of 2 : SP_2020_NA0011_143_29_20200225_00023.jpg



Digging around valves recently occurred. Appears to be for maintenance of irrigation system. (Spring 2019)

LM Start	1.52	Rating **	U	Issue No.	29 (cont)
LM End	1.62	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2020_NA0011_143_29_20200225_00024.jpg



Representative view of irrigation valve. (Fall 2018)

LM Start	1.59	Rating **	U	Issue No.	30
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.059265 °	37.064046 °
				-120.406242 °	-120.401127 °
DWR ID	DWR_NA0011_02_s_2020_30				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_143_30_20200417_00054.jpg



Vegetation growing on the waterside slope. (Spring 2020)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.62	Rating **	M	Issue No.	50
LM End	1.62	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.059585 °	37.059585 °	
			-120.405867 °	-120.405867 °	
DWR ID	25457				

Comment Code

Inspector Comment

DS_ID:25457

FS_ID:52842

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 7/14/2016 Repair in progress--According to LMA representative, Dario Dominguez, owner has repaired levee slope and compacted material per CVFPB's requirement (compaction tests have been performed). Need to confirm compaction tests were provided to DWR Inspector-Herman Phillips. (DWR UCIP - omagana)6/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area disturbed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the additional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. The pipe along the LS toe of U2 starts at 37.059237, -120.406025, and ends at 37.058462, -120.40791. This crossing was field discovered.

FS Date: 7/14/2016

Photo 1 of 3 : UCIP_SP_2020_52842_75220.jpg



Assumed alignment of pipe through the levees and along LS toe of Unit 2. (Source: Google Earth, 3/18/2015)

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.62	Rating **	M	Issue No.	50 (cont)
LM End	1.62	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.059585 °	37.059585 °	
			-120.405867 °	-120.405867 °	
DWR ID	25457				

Photo 2 of 3 : UCIP_SP_2020_52842_75227.jpg



View of cut on LS slope of U2 at LM 1.49 (most downstream end of the open trench, photo 1 of 2).

LM Start	1.62	Rating **	M	Issue No.	50 (cont)
LM End	1.62	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_52842_75224.jpg



Close-up view of cut on LS slope at U2 LM 1.49 (the most downstream end of open trench, photo 2 of 2)

LM Start	1.62	Rating **	C	Issue No.	41
LM End	1.62	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.059571 °	37.059571 °
				-120.405870 °	-120.405870 °
DWR ID	DWR_NA0011_02_s_2019_41				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.65	Rating **	M	Issue No.	31
LM End	1.94	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.059896 °	37.062937 °
				-120.405538 °	-120.402072 °
DWR ID	DWR_NA0011_02_s_2020_31				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	2.00	Rating **	U	Issue No.	24
LM End	2.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.063642 °	37.063642 °
				-120.401434 °	-120.401434 °
DWR ID	DWR_NA0011_02_f _ 2017_24				
Comment Code					
PR : Prunings					
Inspector Comment					
Large pruning/burn pile should be located away from levee toe.					

Photo 1 of 1 : SP_2020_NA0011_143_24_20200225_00017.jpg



View of prunings and trash piled along the landside levee toe. (Fall 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	2.02	Rating **	M	Issue No.	51	
LM End	2.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.063982 °	37.063982 °	
				-120.401165 °	-120.401165 °	
DWR ID	25045					
Comment Code						
Inspector Comment						
DS_ID:25045 FS_ID:52844 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 05/06/2014 Need to contact owner to determine additional information about crossing and potential appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 36-inch pipe of an unknown material or purpose through the levee, at an unknown depth. The pipe is filled with concrete. This crossing was field discovered. FS Date: 5/6/2014						

Photo 1 of 3 : UCIP_SP_2020_52844_71815.jpg



Standpipes visible on waterward side.

LM Start	2.02	Rating **	M	Issue No.	51 (cont)
LM End	2.02	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2020_52844_71820.jpg



36-inch pipe full of concrete debris located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	2.02	Rating **	M	Issue No.	51 (cont)
LM End	2.02	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.063982 °	37.063982 °	
			-120.401165 °	-120.401165 °	
DWR ID	25045				

Photo 3 of 3 : UCIP_SP_2020_52844_71819.jpg



View of waterward side.

LM Start	2.03	Rating **	M	Issue No.	52
LM End	2.03	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.064087 °	37.064087 °	
			-120.401194 °	-120.401194 °	
DWR ID	25044				

Comment Code

Inspector Comment

DS_ID:25044
 FS_ID:52845
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 05/06/2014 Need to contact owner to determine status. (DWR UCIP - O. Magana)
 FIELD_STRUCT_DESC: 10-inch pipes located on waterside (WS). Unsure if these pipes go through the levee. These pipes were field discovered.
 FS Date: 5/6/2014

Photo 1 of 3 : UCIP_SP_2020_52845_71809.jpg



Tall concrete standpipe visible on waterward side.

*** Location**

LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2020 04/14/2020	Corey Fujitani

LM Start	2.03	Rating **	M	Issue No.	52 (cont)
LM End	2.03	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.064087 °	37.064087 °	
			-120.401194 °	-120.401194 °	
DWR ID	25044				

Photo 2 of 3 : UCIP_SP_2020_52845_71808.jpg



Concrete standpipes visible on waterward side--dense vegetation on waterward side.

LM Start	2.03	Rating **	M	Issue No.	52 (cont)
LM End	2.03	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_52845_71807.jpg



Inside view of 10-inch concrete standpipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 03 Berenda Slough			Right	1.51
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/14/2020 - 4/14/2020			
DWR Inspector	Corey Fujitani			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	36	
LM End	0.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			36.996593 °		36.996593 °
				-120.373636 °		-120.373636 °
DWR ID	21516					
Comment Code						
Inspector Comment						
DS_ID:21516 FS_ID:52829 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Unable to confirm if crossing is still being used. Need to contact owner to determine status of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 18-inch steel irrigation discharge pipe through the levee, at an unknown depth. Slant pump on the waterside (WS) slope. The levee log indicates that the abandonment of the Chowchilla Canal Siphon was backfilled through the levee section. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 1 of 3 : UCIP_SP_2020_52829_64476.jpg



View of landward side.

LM Start	0.00	Rating **	M	Issue No.	36 (cont)
LM End	0.00	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2020_52829_64475.jpg



Close up of concrete standpipe and multiple positive closure devices.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.	9
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996543 °	36.996607 °
				-120.373043 °	-120.346570 °
DWR ID	DWR_NA0011_03_f_2019_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_144_9_20200417_00028.jpg



Looking upstream at vegetation along the landside slope. (Spring 2020)

LM Start	0.05	Rating **	M	Issue No.	35
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996468 °	36.996468 °
				-120.372902 °	-120.372902 °
DWR ID	DWR_NA0011_03_f_2012_35				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Tree drags against vehicles as they pass by. Remove overhanging tree limbs.					

No Photos

LM Start	0.05	Rating **	M	Issue No.	28
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996442 °	36.996442 °
				-120.372848 °	-120.372848 °
DWR ID	DWR_NA0011_03_f_2014_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree from the landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.06	Rating **	M	Issue No.	18
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996378 °	36.996378 °
				-120.372738 °	-120.372738 °
DWR ID	DWR_NA0011_03_f _ 2014_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim tree to five feet above the ground on the landside slope.					

No Photos

LM Start	0.08	Rating **	M	Issue No.	32
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.996264 °	36.996613 °
				-120.372350 °	-120.346570 °
DWR ID	DWR_NA0011_03_s_2014_32				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Regrade the crown for proper drainage and add more rock to crown.					

Photo 1 of 1 : SP_2020_NA0011_144_32_20200225_00020.jpg



Looking downstream at levee crown. (Spring 2018)

LM Start	0.08	Rating **	U	Issue No.	20
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996204 °	36.996201 °
				-120.372352 °	-120.372345 °
DWR ID	DWR_NA0011_03_s_2012_20				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside slope.					

Photo 1 of 1 : SP_2020_NA0011_144_20_20200225_00019.jpg



Looking at prunings on landward slope. (Spring 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.10	Rating **	M	Issue No.	37	
LM End	0.10	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			36.996177 °		36.996177 °
				-120.371967 °		-120.371967 °
DWR ID	21517					
Comment Code						
Inspector Comment						
DS_ID:21517 FS_ID:52832 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner to determine status of crossing. Unable to determine if crossing is in use. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 7.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

LM Start	0.10	Rating **	M	Issue No.	37 (cont)
LM End	0.10	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_52832_69689.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2020_52832_69687.jpg



Debris screen visible on waterward headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.10	Rating **	M	Issue No.	37 (cont)
LM End	0.10	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.996177 °	36.996177 °	
			-120.371967 °	-120.371967 °	
DWR ID	21517				

Photo 3 of 3 : UCIP_SP_2020_52832_69688.jpg



View of landward side.

LM Start	0.40	Rating **	U	Issue No.	6
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.996208 °	36.996607 °	
			-120.366550 °	-120.346568 °	
DWR ID	DWR_NA0011_03_f_2016_6				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

LMA should install rodent bait stations placed along the landside slope and/or shoulder at from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe rodents running across the roadway.

Photo 1 of 1 : SP_2020_NA0011_144_6_20200225_00004.jpg



Looking at rodent hole on landward slope. (Spring 2018)

LM Start	0.45	Rating **	U	Issue No.	10
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		36.996224 °	36.996224 °	
			-120.365692 °	-120.365692 °	
DWR ID	DWR_NA0011_03_f_2018_10				

Comment Code

TR : Tree or limb

Inspector Comment

Remove the dead tree from the landside slope.

Photo 1 of 1 : SP_2020_NA0011_144_10_20200225_00012.jpg



View of dead tree on the landside slope. (Fall 2018)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.46	Rating **	U	Issue No.	5
LM End	0.46	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996238 °	36.996238 °
				-120.365563 °	-120.365563 °
DWR ID	DWR_NA0011_03_s_2018_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There is a large rodent hole on the crown of the levee.					

Photo 1 of 1 : SP_2020_NA0011_144_5_20200225_00003.jpg



Looking at rodent hole on levee crown. (Spring 2018)

LM Start	0.71	Rating **	M	Issue No.	7
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996252 °	36.996607 °
				-120.361063 °	-120.346568 °
DWR ID	DWR_NA0011_03_f_2016_7				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There should be bait stations placed along the levee to eradicate rodents.					

No Photos

LM Start	0.71	Rating **	M	Issue No.	8
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996257 °	36.996607 °
				-120.361025 °	-120.346568 °
DWR ID	DWR_NA0011_03_f_2016_8				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents from the roadway. Active rodents observed during inspection at this site.					

Photo 1 of 1 : SP_2020_NA0011_144_8_20200225_00010.jpg



Berenda Slough Unit 3 looking upstream from levee miles 0.71 - to 1.51.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.04	Rating **	U	Issue No.	11
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996613 °	36.996610 °
				-120.355055 °	-120.354995 °
DWR ID	DWR_NA0011_03_s_2012_11				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Remove nut tree from the slope.					

Photo 1 of 1 : SP_2020_NA0011_144_11_20200225_00013.jpg



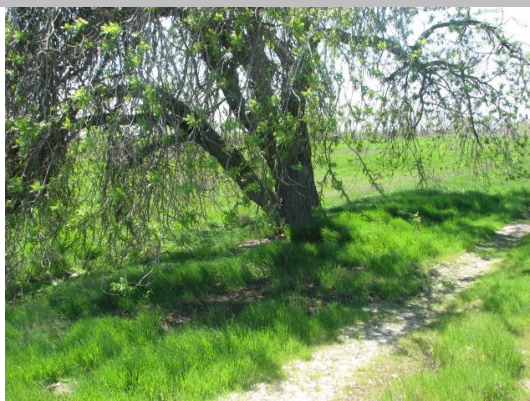
Walnut trees blocking the view of the landside levee section.

LM Start	1.07	Rating **	M	Issue No.	15
LM End	1.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996618 °	36.996608 °
				-120.354538 °	-120.353682 °
DWR ID	DWR_NA0011_03_s_2012_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.09	Rating **	U	Issue No.	14
LM End	1.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996618 °	36.996618 °
				-120.354307 °	-120.354307 °
DWR ID	DWR_NA0011_03_s_2017_14				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Branches hanging over crown are beginning to obstruct access.					

Photo 1 of 1 : SP_2020_NA0011_144_14_20200225_00014.jpg



Looking at untrimmed tree on waterward shoulder. (Spring 2018)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.24	Rating **	M	Issue No.	4
LM End	1.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.996582 °	36.996582 °
				-120.351482 °	-120.351258 °
DWR ID	DWR_NA0011_03_f_2016_4				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope instability and damaged shoulder at this location.					

Photo 1 of 1 : SP_2020_NA0011_144_4_20200225_00002.jpg



Berenda Slough looking back upstream waterside at the shoulder and slope.

LM Start	1.24	Rating **	U	Issue No.	17
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996632 °	36.996600 °
				-120.351463 °	-120.350539 °
DWR ID	DWR_NA0011_03_s_2012_17				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove nut trees from the landside slope.					

Photo 1 of 1 : SP_2020_NA0011_144_17_20200225_00015.jpg



Looking at cluster of walnut trees on landward slope. (Spring 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 04 Berenda Slough			Left	2.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/14/2020 - 4/14/2020			
DWR Inspector	Corey Fujitani			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	35
LM End	0.93	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995382 °	36.995584 °
				-120.373470 °	-120.356688 °
DWR ID	DWR_NA0011_04_s_2020_35				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	0.00	Rating **	U	Issue No.	28
LM End	1.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995382 °	36.995604 °
				-120.373470 °	-120.346425 °
DWR ID	DWR_NA0011_04_s_2020_28				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_145_28_20200420_00031.jpg



View of the waterside slope looking downstream. (Spring 2020)

LM Start	0.02	Rating **	U	Issue No.	3
LM End	0.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.995506 °	36.995550 °
				-120.373233 °	-120.355935 °
DWR ID	DWR_NA0011_04_f_2016_3				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The slope in this area has been damaged by farm equipment.					

Photo 1 of 1 : SP_2020_NA0011_145_3_20200225_00001.jpg



Berenda Slough Unit 4 Looking upstream from levee mile 0.14-0.97.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.	20
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995502 °	36.995597 °
				-120.372833 °	-120.372391 °
DWR ID	DWR_NA0011_04_f _ 2012_20				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside levee slope.					

No Photos

LM Start	0.12	Rating **	U	Issue No.	19
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995547 °	36.995586 °
				-120.371410 °	-120.356589 °
DWR ID	DWR_NA0011_04_s_2018_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_145_19_20200225_00017.jpg



Looking at large rodent hole on landward slope. (Spring 2018)

LM Start	0.14	Rating **	M	Issue No.	37
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995534 °	36.995557 °
				-120.370982 °	-120.364581 °
DWR ID	DWR_NA0011_04_s_2020_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.14	Rating **	U	Issue No.	15
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995528 °	36.995528 °
				-120.370922 °	-120.370922 °
DWR ID	DWR_NA0011_04_f_2015_15				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There are many dead trees in the area. Remove the dead trees from the levee section. Many more are subject to fall and possibly block access to the levee crown.					

Photo 1 of 1 : SP_2020_NA0011_145_15_20200225_00014.jpg



Berenda Slough looking upstream from the levee mile 0.14.

LM Start	0.22	Rating **	M	Issue No.	26
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995533 °	36.995533 °
				-120.369593 °	-120.369593 °
DWR ID	DWR_NA0011_04_f_2019_26				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.28	Rating **	M	Issue No.	21
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995564 °	36.995564 °
				-120.368540 °	-120.368540 °
DWR ID	DWR_NA0011_04_f_2012_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the discarded tree and branches from the levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.42	Rating **	M	Issue No.	9
LM End	1.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.995572 °	36.995613 °
				-120.365980 °	-120.346358 °
DWR ID	DWR_NA0011_04_s_2017_9				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	0.44	Rating **	U	Issue No.	22
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.995560 °	36.995560 °
				-120.365614 °	-120.365614 °
DWR ID	DWR_NA0011_04_s_2018_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Someone dug a large hole on the landward slope next to the concrete riser. There is no visible pipe at the site.					

Photo 1 of 1 : SP_2020_NA0011_145_22_20200420_00032.jpg



Looking west at large hole next concrete riser (no pipe) on landward slope. (Spring 2020)

LM Start	0.47	Rating **	M	Issue No.	16
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995603 °	36.995603 °
				-120.364978 °	-120.364978 °
DWR ID	DWR_NA0011_04_s_2014_16				
Comment Code					
TR : Tree or limb					
Inspector Comment					
This dead tree on the waterward slope should be removed from the levee section.					

Photo 1 of 1 : SP_2020_NA0011_145_16_20200225_00015.jpg



Tree on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.54	Rating **	M	Issue No.	33
LM End	0.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995565 °	36.995553 °
				-120.363779 °	-120.363245 °
DWR ID	DWR_NA0011_04_f_2018_33				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.59	Rating **	M	Issue No.	36
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995562 °	36.995577 °
				-120.362897 °	-120.358374 °
DWR ID	DWR_NA0011_04_s_2020_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.62	Rating **	M	Issue No.	23
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995568 °	36.995568 °
				-120.362355 °	-120.362355 °
DWR ID	DWR_NA0011_04_s_2019_23				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Madera County FCWCA

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.93	Rating **	U	Issue No.	34
LM End	1.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995582 °	36.995604 °
				-120.356689 °	-120.346425 °
DWR ID	DWR_NA0011_04_s_2020_34				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_145_34_20200420_00033.jpg



Looking upstream along the levee crown. (Spring 2020)

LM Start	0.93	Rating **	U	Issue No.	4
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995583 °	36.995604 °
				-120.356688 °	-120.346425 °
DWR ID	DWR_NA0011_04_s_2020_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_145_4_20200420_00034.jpg



Looking upstream at LM 1.50 along the landside slope. (Spring 2020)

LM Start	0.94	Rating **	M	Issue No.	13
LM End	0.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995571 °	36.995571 °
				-120.356609 °	-120.356609 °
DWR ID	DWR_NA0011_04_f_2017_13				
Comment Code					
RA : Ramp					
Inspector Comment					
There is no permit for the ramp on the landside slope. Repair damage to slope from ramp use.					

Photo 1 of 1 : SP_2020_NA0011_145_13_20200225_00011.jpg



Restore levee slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	14
LM End	0.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995573 °	36.995573 °
				-120.356601 °	-120.356601 °
DWR ID	DWR_NA0011_04_f _ 2017_14				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the downed tree from the waterside slope.					

Photo 1 of 1 : SP_2020_NA0011_145_14_20200225_00013.jpg



Looking upstream at fallen tree on waterward slope. (Spring 2018)

LM Start	1.01	Rating **	U	Issue No.	12
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995537 °	36.995537 °
				-120.355261 °	-120.355261 °
DWR ID	DWR_NA0011_04_f_2017_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Branches from waterside tree are blocking visibility of waterside slope and crown. Levee crown is nearly impassible.					

Photo 1 of 1 : SP_2020_NA0011_145_12_20200225_00010.jpg



Trim trees to at least 5' above levee slope and 12' above levee crown to allow inspection and access.

LM Start	1.13	Rating **	A/W	Issue No.	2
LM End	1.13	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.995580 °	36.995580 °
				-120.353080 °	-120.353080 °
DWR ID	12-2				
Comment Code					
Inspector Comment					
2017 Storm Damage Site					
Site ID No:28					
Site Designation:12-2					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.19	Rating **	M	Issue No.	10
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995566 °	36.995566 °
				-120.352038 °	-120.352038 °
DWR ID	DWR_NA0011_04_f_2017_10				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_145_10_20200225_00007.jpg



Looking upstream at tree on waterward slope. (Spring 2018)

LM Start	1.36	Rating **	M	Issue No.	18
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995593 °	36.995593 °
				-120.348926 °	-120.348926 °
DWR ID	DWR_NA0011_04_s_2018_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.50	Rating **	U	Issue No.	11
LM End	2.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995590 °	37.003740 °
				-120.346406 °	-120.336877 °
DWR ID	DWR_NA0011_04_f_2016_11				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents and backfill and compact the burrows or grout the burrows in this area.					

Photo 1 of 1 : SP_2020_NA0011_145_11_20200420_00035.jpg



Representative view of rodent holes observed in this section. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.50	Rating **	U	Issue No.	30
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995590 °	37.003740 °
				-120.346406 °	-120.336877 °
DWR ID	DWR_NA0011_04_f_2014_30				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Bait stations are needed in the rodent infested area on the waterside slope and toe.					

Photo 1 of 1 : SP_2020_NA0011_145_30_20200420_00036.jpg



Several large rodent holes on waterside slope. (Spring 2020)

LM Start	1.50	Rating **	U	Issue No.	60	
LM End	1.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.995597 °	36.995597 °	
				-120.346418 °	-120.346418 °	
DWR ID	25469					
Comment Code						
Inspector Comment						
DS_ID:25469 FS_ID:53154 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/31/2018 Same as last inspection with the exception of the size of the sink hole. Sink hole on LS slope has increased. Levee at this crossing is composed of highly erodible material. Need to coordinate with the pipe owner to determine repair status. Crossing remains Urgent due to the large sink hole present on the LS. (O. Magana - DWR UCIP) 07/14/2016 New entry added--pipe failure. Sink hole present on LS slope. Concrete headwall collapse visible on LS slope. Pipe buried on both WS and LS. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 24-inch (estimate measurement based on flap gate frame) gravity drainage pipe of an unknown material through the levee, approximately 5 feet below the crown. Concrete headwall on the landside (LS). Corrugated metal pipe (CMP) at the LS toe. Sluice gate on the waterside (WS). This crossing was field discovered. FS Date: 10/31/2018 10:19:00 AM						

Photo 1 of 3 : UCIP_SP_2020_53154_75760.jpg



View of LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.50	Rating **	U	Issue No.	60 (cont)
LM End	1.50	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.995597 °	36.995597 °	
			-120.346418 °	-120.346418 °	
DWR ID	25469				

Photo 2 of 3 : UCIP_SP_2020_53154_75761.jpg



Sink hole and concrete headwall damage is visible on LS.

LM Start	1.50	Rating **	U	Issue No.	60 (cont)
LM End	1.50	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_53154_75762.jpg



Sink hole located immediately above concrete headwall visible on LS.

LM Start	1.51	Rating **	M	Issue No.	56
LM End	2.28	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995615 °	37.003441 °
				-120.346296 °	-121.337349 °
DWR ID	DWR_NA0011_04_s_2012_56				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_145_56_20200225_00027.jpg



Fence within the 10-foot of levee toe. This encroachment was recorded on 11-01-2012. Photo was taken 4-24-2014.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	1.60	Rating **	M	Issue No.	17
LM End	1.60	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996212 °	36.996212 °
				-120.344756 °	-120.344756 °
DWR ID	DWR_NA0011_04_f_2018_17				
Comment Code					
FE : Fence					
Inspector Comment					
Gate with combo lock. No permit associated with gate.					

Photo 1 of 1 : SP_2020_NA0011_145_17_20200225_00016.jpg



Gate blocking access to levee. (Fall 2018)

LM Start	1.63	Rating **	M	Issue No.	59
LM End	1.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996573 °	36.997002 °
				-120.344428 °	-120.343977 °
DWR ID	DWR_NA0011_04_s_2012_59				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents in this area.					

No Photos

LM Start	1.80	Rating **	M	Issue No.	29
LM End	1.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.998449 °	36.998449 °
				-120.342516 °	-120.342516 °
DWR ID	DWR_NA0011_04_f_2018_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2020 04/14/2020	Corey Fujitani

LM Start	2.22	Rating **	M	Issue No.	27
LM End	2.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.003160 °	37.003160 °
				-120.337747 °	-120.337747 °
DWR ID	DWR_NA0011_04_f_2018_27				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim tree back away from crown and at least 5 feet above the levee slope.					

Photo 1 of 1 : SP_2020_NA0011_145_27_20200225_00022.jpg



Trim tree on waterside shoulder. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 05 Fresno River			Right	9.10
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/15/2020 - 4/15/2020			
DWR Inspector	Corey Fujitani			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	14
LM End	4.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.978520 °	36.968168 °
				-120.368567 °	-120.301035 °
DWR ID	DWR_NA0011_05_f_2016_14				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents along the landside slope and toe throughout the area to levee mile 4.05. Bait stations are needed in infested areas.					

Photo 1 of 1 : SP_2020_NA0011_146_14_20200225_00010.jpg



Rodent activity on landside slope.

LM Start	0.00	Rating **	M	Issue No.	13
LM End	4.05	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.978548 °	36.968165 °
				-120.368454 °	-120.301151 °
DWR ID	DWR_NA0011_05_s_2012_13				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
Regrade the crown for proper drainage. And add appropriate gravel or road base.					

Photo 1 of 1 : SP_2020_NA0011_146_13_20200225_00009.jpg



Looking downstream at levee crown from 0.00. (Spring 2018)

LM Start	0.01	Rating **	U	Issue No.	23
LM End	4.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978540 °	36.968172 °
				-120.368320 °	-120.300987 °
DWR ID	DWR_NA0011_05_s_2020_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_23_20200504_00051.jpg



Looking downstream along the waterside slope at LM 4.05. (Spring 2020)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	0.01	Rating **	U	Issue No.	21
LM End	4.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978540 °	36.968171 °
				-120.368318 °	-120.300987 °
DWR ID	DWR_NA0011_05_s_2020_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_21_20200504_00049.jpg



View of the landside slope at LM 0.00. (Spring 2020)

LM Start	0.04	Rating **	M	Issue No.	15
LM End	4.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.978504 °	36.968175 °
				-120.367871 °	-120.300996 °
DWR ID	DWR_NA0011_05_f_2017_15				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	0.04	Rating **	U	Issue No.	31
LM End	4.05	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978507 °	36.968172 °
				-120.367803 °	-120.300987 °
DWR ID	DWR_NA0011_05_s_2020_31				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_31_20200504_00052.jpg



Looking downstream at the levee crown at LM 4.05. (Spring 2020)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	0.18	Rating **	M	Issue No.	52	
LM End	0.18	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			36.978036 °		36.978036 °
				-120.365246 °		-120.365246 °
DWR ID	21520					
Comment Code						
Inspector Comment						
DS_ID:21520 FS_ID:52833 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

LM Start	0.18	Rating **	M	Issue No.	52 (cont)
LM End	0.18	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_52833_64567.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2020_52833_64566.jpg



View of flap gate and concrete headwall located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	0.18	Rating **	M	Issue No.	52 (cont)
LM End	0.18	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.978036 °	36.978036 °	
			-120.365246 °	-120.365246 °	
DWR ID	21520				

Photo 3 of 3 : UCIP_SP_2020_52833_64565.jpg



View of landward side.

LM Start	1.34	Rating **	A/W	Issue No.	4
LM End	1.34	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.967860 °	36.967860 °
				-120.350030 °	-120.350030 °
DWR ID	27-4				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:34					
Site Designation:27-4					

No Photos

LM Start	2.50	Rating **	M	Issue No.	19
LM End	2.50	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967990 °	36.967990 °
				-120.329131 °	-120.329131 °
DWR ID	DWR_NA0011_05_s_2012_19				
Comment Code					
Inspector Comment					
Trash in channel.					

Photo 1 of 1 : SP_2020_NA0011_146_19_20200225_00015.jpg



Looking west at garbage in channel. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	4.06	Rating **	M	Issue No.	43
LM End	4.06	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968177 °	36.968177 °
				-120.300834 °	-120.300834 °
DWR ID	DWR_NA0011_05_s_2019_43				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_43_20200225_00032.jpg



Pruning pile left on the waterside shoulder. (Spring 2019)

LM Start	4.17	Rating **	A/W	Issue No.	5
LM End	4.20	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.968250 °	36.968260 °
				-120.298970 °	-120.298310 °
DWR ID	27-102				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:30					
Site Designation:27-102					

No Photos

LM Start	4.76	Rating **	A/W	Issue No.	6
LM End	4.81	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.968310 °	36.968310 °
				-120.288190 °	-120.287260 °
DWR ID	27-100				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:29					
Site Designation:27-100					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	5.56	Rating **	M	Issue No.	18
LM End	5.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.968210 °	36.968210 °
				-120.273729 °	-120.273729 °
DWR ID	DWR_NA0011_05_f _ 2017_18				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair damage from vehicle traffic on slope and shoulder.					

Photo 1 of 1 : SP_2020_NA0011_146_18_20200225_00013.jpg



Damage to landside shoulder and slope looking upstream. (Fall 2019)

LM Start	5.67	Rating **	M	Issue No.	38
LM End	5.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968204 °	36.968204 °
				-120.271707 °	-120.271707 °
DWR ID	DWR_NA0011_05_f _ 2018_38				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_38_20200504_00057.jpg



Finger erosion on the waterside slope. (Spring 2020)

LM Start	5.73	Rating **	A/W	Issue No.	9
LM End	5.75	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.968270 °	36.968270 °
				-120.270750 °	-120.270320 °
DWR ID	27-106				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:31					
Site Designation:27-106					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	5.90	Rating **	M	Issue No.	17
LM End	5.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968205 °	36.968205 °
				-120.267562 °	-120.267562 °
DWR ID	DWR_NA0011_05_f _ 2019_17				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_17_20200225_00011.jpg



View of landside slope erosion looking upstream. (Fall 2019)

LM Start	6.30	Rating **	M	Issue No.	46
LM End	6.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968399 °	36.968399 °
				-120.260433 °	-120.260433 °
DWR ID	DWR_NA0011_05_s_2019_46				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Rills on waterside slope.					

Photo 1 of 1 : SP_2020_NA0011_146_46_20200225_00033.jpg



Rills observed on waterside slope. (Spring 2019)

LM Start	6.52	Rating **	A/W	Issue No.	37
LM End	6.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.968575 °	36.968575 °
				-120.256450 °	-120.256450 °
DWR ID	DWR_NA0011_05_f _ 2018_37				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_37_20200225_00027.jpg



Rill erosion on landside slope. (Fall 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.57	Rating **	U	Issue No.	29
LM End	6.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.968477 °	36.968477 °
				-120.255557 °	-120.255557 °
DWR ID	DWR_NA0011_05_f_2019_29				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Tree should be trimmed above the levee crown and 5 feet above the slope.					

Photo 1 of 1 : SP_2020_NA0011_146_29_20200225_00021.jpg



View of tree growing on landside slope looking upstream. (Fall 2019)

LM Start	6.58	Rating **	M	Issue No.	27
LM End	9.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968525 °	36.973197 °
				-120.255387 °	-120.212085 °
DWR ID	DWR_NA0011_05_f_2016_27				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents in the area listed and place bait stations.					

No Photos

LM Start	6.58	Rating **	U	Issue No.	39
LM End	7.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968503 °	36.969536 °
				-120.255373 °	-120.238480 °
DWR ID	DWR_NA0011_05_s_2020_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_39_20200504_00058.jpg



View of vegetation along the waterside slope looking upstream. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.59	Rating **	M	Issue No.	44
LM End	7.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968500 °	36.969536 °
				-120.255240 °	-120.238480 °
DWR ID	DWR_NA0011_05_s_2020_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_44_20200504_00059.jpg



Looking upstream along the landside slope. (Spring 2020)

LM Start	6.63	Rating **	M	Issue No.	22
LM End	7.56	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.968568 °	36.969552 °
				-120.254542 °	-120.237855 °
DWR ID	DWR_NA0011_05_s_2017_22				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair rutting and add appropriate gravel.					

No Photos

LM Start	6.75	Rating **	M	Issue No.	28
LM End	6.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969200 °	36.969507 °
				-120.252462 °	-120.248893 °
DWR ID	DWR_NA0011_05_f_2016_28				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents in the area listed and place bait stations along the shoulder and/or slope.					

Photo 1 of 1 : SP_2020_NA0011_146_28_20200225_00020.jpg



Fresno River landside levee slope levee mile 6.75-6.95.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.87	Rating **	M	Issue No.	53	
LM End	6.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.969520 °	36.969520 °	
				-120.250311 °	-120.250311 °	
DWR ID	21527					
Comment Code						
Inspector Comment						
DS_ID:21527						
FS_ID:52859						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Slide gate buried on landward side. Recommend clearing sediment deposit on landward side. (DWR UCIP - O. Magana)						
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].						
FS Date: 5/6/2014						

LM Start	6.87	Rating **	M	Issue No.	53 (cont)
LM End	6.87	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_52859_69715.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2020_52859_69714.jpg



Concrete headwall covered by dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.87	Rating **	M	Issue No.	53 (cont)
LM End	6.87	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.969520 °	36.969520 °
				-120.250311 °	-120.250311 °
DWR ID	21527				

Photo 3 of 3 : UCIP_SP_2020_52859_69713.jpg



View of landward side.

LM Start	6.90	Rating **	M	Issue No.	45
LM End	7.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969519 °	36.969537 °
				-120.249843 °	-120.238482 °
DWR ID	DWR_NA0011_05_s_2020_45				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	7.21	Rating **	M	Issue No.	32
LM End	7.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969539 °	36.969539 °
				-120.244142 °	-120.244142 °
DWR ID	DWR_NA0011_05_f_2018_32				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	7.53	Rating **	M	Issue No.	47
LM End	8.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969534 °	36.972367 °
				-120.238397 °	-120.228093 °
DWR ID	DWR_NA0011_05_s_2020_47				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	7.63	Rating **	C	Issue No.	30
LM End	7.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.969550 °	36.969550 °
				-120.236670 °	-120.236670 °
DWR ID	DWR_NA0011_05_f _ 2018_30				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings left on landside slope.					

No Photos

LM Start	7.66	Rating **	U	Issue No.	24
LM End	7.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969606 °	36.969606 °
				-120.236091 °	-120.236091 °
DWR ID	DWR_NA0011_05_f_2018_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows and associated erosion due to rodent activity.					

Photo 1 of 1 : SP_2020_NA0011_146_24_20200225_00016.jpg



Rodent activity on landside slope. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	7.92	Rating **	M	Issue No.	16
LM End	7.92	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.971587 °	36.971587 °
				-120.232203 °	-120.232203 °
DWR ID	DWR_NA0011_05_f_2018_16				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	7.99	Rating **	U	Issue No.	12
LM End	8.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972121 °	36.972186 °
				-120.230994 °	-120.230772 °
DWR ID	DWR_NA0011_05_f_2018_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large rodent burrow observed in this section.					

Photo 1 of 1 : SP_2020_NA0011_146_12_20200225_00008.jpg



Rodent activity on landside slope. (Fall 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	8.09	Rating **	M	Issue No.	54	
LM End	8.09	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.972415 °	36.972415 °	
				-120.229285 °	-120.229285 °	
DWR ID	21528					
Comment Code						
Inspector Comment						
DS_ID:21528 FS_ID:52863 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 8.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014						

Photo 1 of 3 : UCIP_SP_2020_52863_69719.jpg



View of waterward side.

LM Start	8.09	Rating **	M	Issue No.	54 (cont)
LM End	8.09	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2020_52863_69721.jpg



Concrete headwall visible on waterward side and covered by dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	8.09	Rating **	M	Issue No.	54 (cont)
LM End	8.09	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.972415 °	36.972415 °	
			-120.229285 °	-120.229285 °	
DWR ID	21528				

Photo 3 of 3 : UCIP_SP_2020_52863_69720.jpg



Enter photo 5 description or comment here.

LM Start	8.38	Rating **	U	Issue No.	35
LM End	8.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.972936 °	36.972947 °
				-120.224106 °	-120.223607 °
DWR ID	DWR_NA0011_05_f_2015_35				
Comment Code					
PR : Prunings					
Inspector Comment					
Move burnpile away from levee as it provides cover for burrowing rodents.					

Photo 1 of 1 : SP_2020_NA0011_146_35_20200504_00060.jpg



Burn pile left on the landside slope and toe. (Spring 2020)

LM Start	8.40	Rating **	U	Issue No.	51
LM End	8.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972953 °	36.972953 °
				-120.223839 °	-120.223839 °
DWR ID	DWR_NA0011_05_s_2019_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_146_51_20200225_00034.jpg



Several rodent holes observed at this location. (Fall 2019)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	8.53	Rating **	M	Issue No.	25
LM End	8.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.972643 °	36.972643 °
				-120.221488 °	-120.221488 °
DWR ID	DWR_NA0011_05_f _ 2017_25				
Comment Code					
PI : Pipe					
Inspector Comment					
Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. 55gal drum halves were placed in hole for safety. Met with Rick Cosyns (MID 559-232-0227) on site. Speculated that it was likely an underground pipe with collapsed backfill.					

Photo 1 of 1 : SP_2020_NA0011_146_25_20200225_00017.jpg



Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. White 55gal drum halves were placed in hole for safety. (Fall 2017)

LM Start	8.53	Rating **	M	Issue No.	26
LM End	8.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.972616 °	36.972606 °
				-120.221415 °	-120.221389 °
DWR ID	DWR_NA0011_05_f_2017_26				
Comment Code					
EQ : Equipment					
Inspector Comment					
Concrete pipes at landward toe.					

Photo 1 of 1 : SP_2020_NA0011_146_26_20200504_00062.jpg



Pipes and equipment stored along the landside toe. (Spring 2020)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	04/15/2020 04/15/2020	Corey Fujitani

LM Start	8.56	Rating **	M	Issue No.	11
LM End	8.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.972384 °	36.972384 °
				-120.220907 °	-120.220907 °
DWR ID	DWR_NA0011_05_f_2018_11				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus planted on landside toe.					

Photo 1 of 1 : SP_2020_NA0011_146_11_20200225_00007.jpg



Cactus on landside toe. (Fall 2018)

LM Start	8.57	Rating **	U	Issue No.	10
LM End	8.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.972355 °	36.972355 °
				-120.220878 °	-120.220878 °
DWR ID	DWR_NA0011_05_f _ 2018_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Cactus growing on waterside slope.					

Photo 1 of 1 : SP_2020_NA0011_146_10_20200225_00005.jpg



Cactus growing on waterside shoulder. (Spring 2019)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Madera County FCWCA

Waterway			Bank	Unit Miles
Unit No. 06 Fresno River			Left	9.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/15/2020 - 4/15/2020			
DWR Inspector	Corey Fujitani			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.	73
LM End	0.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976941 °	36.969700 °
				-120.367494 °	-120.354557 °
DWR ID	DWR_NA0011_06_s_2020_73				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_73_20200504_00054.jpg



View of the waterside slope looking downstream. (Spring 2020)

LM Start	0.00	Rating **	U	Issue No.	74
LM End	0.93	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976941 °	36.969700 °
				-120.367494 °	-120.354557 °
DWR ID	DWR_NA0011_06_s_2020_74				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_74_20200504_00055.jpg



Looking downstream along the levee crown. (Spring 2020)

LM Start	0.00	Rating **	U	Issue No.	72
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976941 °	36.969700 °
				-120.367494 °	-120.354556 °
DWR ID	DWR_NA0011_06_s_2020_72				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_72_20200519_00067.jpg



View of vegetation along the landside slope looking downstream. (Spring 2020)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	19
LM End	3.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976937 °	36.967320 °
				-120.367308 °	-120.317933 °
DWR ID	DWR_NA0011_06_f _ 2016_19				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents and backfill burrows.					

LM Start	0.04	Rating **	M	Issue No.	13					
LM End	0.93	Issue Type +	En	Location *	LS					
Category	Earthen Levee			GPS Latitude/Longitude						
				Start	End					
Item	Encroachments			36.976964 °	36.969726 °					
				-120.366831 °	-120.354565 °					
DWR ID	DWR_NA0011_06_f _ 2017_13									
Comment Code										
FE : Fence										
Inspector Comment										
Barbed wire fence along the landside toe.										

LM Start	0.44	Rating **	U	Issue No.	20					
LM End	0.44	Issue Type +	Ma	Location *	LS					
Category	Earthen Levee			GPS Latitude/Longitude						
				Start	End					
Item	Erosion / Bank Caving			36.975030 °	36.975014 °					
				-120.360382 °	-120.360401 °					
DWR ID	DWR_NA0011_06_f _ 2012_20									
Comment Code										
E2 : Schedule repair of erosion site prior to the next inspection.										
Inspector Comment										
This erosion should be taken care of before it gets worse.										

Photo 1 of 1 : SP_2020_NA0011_147_20_20200225_00008.jpg



Looking downstream at the old erosion site landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	0.64	Rating **	A/W	Issue No.	8
LM End	0.71	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.972950 °	36.972240 °
				-120.357890 °	-120.356830 °
DWR ID	28-4				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:32					
Site Designation:28-4					

No Photos

LM Start	0.95	Rating **	M	Issue No.	71
LM End	1.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969488 °	36.967173 °
				-120.354497 °	-120.347107 °
DWR ID	DWR_NA0011_06_s_2020_71				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.99	Rating **	U	Issue No.	85
LM End	1.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968930 °	36.967985 °
				-120.354292 °	-120.353510 °
DWR ID	DWR_NA0011_06_s_2019_85				
Comment Code					
MA : Material					
Inspector Comment					
Soil material piled up on levee toe should be pushed back 10 feet from slope.					

Photo 1 of 1 : SP_2020_NA0011_147_85_20200225_00035.jpg



View of soil encroachment piled along levee toe. (Spring 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	1.02	Rating **	U	Issue No.	17
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.968520 °	36.967334 °
				-120.354012 °	-120.352154 °
DWR ID	DWR_NA0011_06_f_2017_17				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.					

Photo 1 of 1 : SP_2020_NA0011_147_17_20200225_00006.jpg



Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

LM Start	1.08	Rating **	U	Issue No.	1
LM End	1.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967781 °	36.967395 °
				-120.353321 °	-120.352362 °
DWR ID	DWR_NA0011_06_s_2012_1				
Comment Code					
DE : Debris					
Inspector Comment					
Large piles of broken up recycled sheet rock placed within 10-foot of the levee easement.					

Photo 1 of 1 : SP_2020_NA0011_147_1_20200504_00056.jpg



Material piled along the levee toe and easement. (Spring 2020)

LM Start	1.14	Rating **	U	Issue No.	39
LM End	1.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967387 °	36.967270 °
				-120.352340 °	-120.351902 °
DWR ID	DWR_NA0011_06_s_2014_39				
Comment Code					
TA : Tank					
Inspector Comment					
Metal storage tanks are within the easement of the landward toe. Move them away from the easement.					

Photo 1 of 1 : SP_2020_NA0011_147_39_20200504_00057.jpg



Tanks stored on the landside levee toe. (Spring 2020)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	41
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967387 °	36.967207 °
				-120.352332 °	-120.351590 °
DWR ID	DWR_NA0011_06_s_2013_41				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope damaged by farm equipment.					

No Photos

LM Start	1.15	Rating **	M	Issue No.	18
LM End	3.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967360 °	36.967393 °
				-120.352243 °	-120.310025 °
DWR ID	DWR_NA0011_06_f_2017_18				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.16	Rating **	A/W	Issue No.	9
LM End	1.16	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.967290 °	36.967290 °
				-120.352020 °	-120.352020 °
DWR ID	28-2				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:27					
Site Designation:28-2					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	1.27	Rating **	M	Issue No.	14
LM End	6.56	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.967177 °	36.967992 °
				-120.350167 °	-120.254517 °
DWR ID	DWR_NA0011_06_s_2017_14				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair the crown roadway of ruts and depressions regrade where needed					

No Photos

LM Start	1.29	Rating **	A/W	Issue No.	10
LM End	1.29	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.967150 °	36.967150 °
				-120.349800 °	-120.349800 °
DWR ID	DWR_NA0011_06_R_2012_01				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:33					
Site Designation:DWR_NA0011_06_R_2012_01					

No Photos

LM Start	1.44	Rating **	U	Issue No.	70
LM End	1.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967173 °	36.967196 °
				-120.347058 °	-120.341466 °
DWR ID	DWR_NA0011_06_s_2020_70				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_70_20200504_00058.jpg



View of vegetation along the waterside slope. (Spring 2020)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	1.75	Rating **	M	Issue No.	67
LM End	2.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967197 °	36.967247 °
				-120.341460 °	-120.328536 °
DWR ID	DWR_NA0011_06_s_2020_67				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.98	Rating **	M	Issue No.	66
LM End	2.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967211 °	36.967247 °
				-120.337281 °	-120.328536 °
DWR ID	DWR_NA0011_06_s_2020_66				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.20	Rating **	M	Issue No.	69
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967231 °	36.967228 °
				-120.333365 °	-120.332781 °
DWR ID	DWR_NA0011_06_s_2020_69				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_69_20200504_00059.jpg



Vehicle tracks in the landside slope. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	2.41	Rating **	U	Issue No.	68
LM End	2.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967246 °	36.967250 °
				-120.329410 °	-120.329086 °
DWR ID	DWR_NA0011_06_s_2020_68				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_68_20200504_00060.jpg



Soil material piled along the landside toe. (Spring 2020)

LM Start	2.46	Rating **	U	Issue No.	64
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967246 °	36.967380 °
				-120.328536 °	-120.310251 °
DWR ID	DWR_NA0011_06_s_2020_64				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_64_20200504_00061.jpg



Looking downstream along the waterside slope. (Spring 2020)

LM Start	2.51	Rating **	M	Issue No.	62
LM End	3.47	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967255 °	36.967381 °
				-120.327624 °	-120.310252 °
DWR ID	DWR_NA0011_06_s_2020_62				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	3.39	Rating **	M	Issue No.	24
LM End	3.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967378 °	36.967378 °
				-120.311737 °	-120.311737 °
DWR ID	DWR_NA0011_06_f _ 2017_24				
Comment Code					
EQ : Equipment					
Inspector Comment					
Remove large pipe sections from toe of levee.					

Photo 1 of 1 : SP_2020_NA0011_147_24_20200225_00011.jpg



Pipe segments left at levee toe. (Fall 2018)

LM Start	3.49	Rating **	M	Issue No.	27
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967393 °	36.967393 °
				-120.310025 °	-120.310025 °
DWR ID	DWR_NA0011_06_f_2017_27				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair damage at toe due to ag equipment activity between power pole and levee.					

Photo 1 of 1 : SP_2020_NA0011_147_27_20200225_00012.jpg



Ag activity has cut into landside toe. Activity should be stopped and levee slope repaired.

LM Start	3.76	Rating **	M	Issue No.	40
LM End	3.76	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967419 °	36.967419 °
				-120.305171 °	-120.305171 °
DWR ID	DWR_NA0011_06_s_2020_40				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Depression on the levee crown appears to be cause by rodent burrow.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	3.99	Rating **	M	Issue No.	34
LM End	3.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.967457 °	36.967457 °
				-120.301031 °	-120.301031 °
DWR ID	DWR_NA0011_06_f_2017_34				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	3.99	Rating **	U	Issue No.	77
LM End	5.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967439 °	36.967487 °
				-120.300974 °	-120.273999 °
DWR ID	DWR_NA0011_06_s_2019_77				
Comment Code					
CR : Crops					
Inspector Comment					
Landowner has planted corn along the landside toe.					

Photo 1 of 1 : SP_2020_NA0011_147_77_20200225_00034.jpg



Crops planted on the landside toe. (Spring 2019)

LM Start	4.56	Rating **	M	Issue No.	65
LM End	4.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967501 °	36.967502 °
				-120.290581 °	-120.290215 °
DWR ID	DWR_NA0011_06_f_2018_65				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	4.74	Rating **	M	Issue No.	78
LM End	4.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967508 °	36.967508 °
				-120.287446 °	-120.287446 °
DWR ID	DWR_NA0011_06_s_2019_78				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.18	Rating **	M	Issue No.	63
LM End	5.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967512 °	36.967512 °
				-120.279874 °	-120.279874 °
DWR ID	DWR_NA0011_06_f_2018_63				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.44	Rating **	M	Issue No.	53
LM End	5.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967514 °	36.967514 °
				-120.274810 °	-120.274810 °
DWR ID	DWR_NA0011_06_s_2018_53				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Control rodents within this section.					

Photo 1 of 1 : SP_2020_NA0011_147_53_20200225_00027.jpg



Looking at typical rodent hole on landward slope. (Spring 2018)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	5.48	Rating **	M	Issue No.	49
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967492 °	36.967480 °
				-120.273970 °	-120.265261 °
DWR ID	DWR_NA0011_06_s_2020_49				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_49_20200504_00064.jpg



View of the landside slope looking downstream. (Spring 2020)

LM Start	5.48	Rating **	M	Issue No.	57
LM End	5.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967491 °	36.967480 °
				-120.273970 °	-120.265261 °
DWR ID	DWR_NA0011_06_s_2020_57				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	5.48	Rating **	M	Issue No.	61
LM End	5.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967492 °	36.967480 °
				-120.273970 °	-120.265261 °
DWR ID	DWR_NA0011_06_s_2020_61				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_61_20200504_00063.jpg



View of waterside slope looking downstream. (Spring 2020)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	5.62	Rating **	M	Issue No.	37
LM End	5.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967497 °	36.967498 °
				-120.271547 °	-120.265336 °
DWR ID	DWR_NA0011_06_f _ 2017_37				
Comment Code					
AT : Agricultural tilling					
Inspector Comment					
Repair damage at levee toe caused by ag equipment activity.					

Photo 1 of 1 : SP_2020_NA0011_147_37_20200225_00017.jpg



Agricultural equipment cutting into levee slope. (Fall 2018)

LM Start	6.03	Rating **	M	Issue No.	60
LM End	6.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967477 °	36.967477 °
				-120.264109 °	-120.264109 °
DWR ID	DWR_NA0011_06_f_2018_60				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.09	Rating **	U	Issue No.	38
LM End	6.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967482 °	36.967511 °
				-120.262984 °	-120.262342 °
DWR ID	DWR_NA0011_06_f _ 2017_38				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed trees and associated debris pile from levee toe.					

Photo 1 of 1 : SP_2020_NA0011_147_38_20200504_00065.jpg



View of debris pile and pruning piles along landside toe. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.17	Rating **	M	Issue No.	86
LM End	6.17	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.967568 °	36.967568 °
				-120.261594 °	-120.261594 °
DWR ID	21531				
Comment Code					
Inspector Comment					
DS_ID:21531 FS_ID:52854 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Recommend removing sediment built up on landward side. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Slide gate on the waterside (WS) shoulder. Headwall and wing wall on each end. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_SP_2020_52854_64570.jpg



View of waterward side.

LM Start	6.17	Rating **	M	Issue No.	86 (cont)
LM End	6.17	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2020_52854_64573.jpg



Flap gate, concrete headwall, and standpipe on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.17	Rating **	M	Issue No.	86 (cont)
LM End	6.17	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.967568 °	36.967568 °
				-120.261594 °	-120.261594 °
DWR ID	21531				

Photo 3 of 3 : UCIP_SP_2020_52854_64572.jpg



Overview of channel at crossing.

LM Start	6.29	Rating **	M	Issue No.	58
LM End	6.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.967750 °	36.967750 °
				-120.259385 °	-120.259385 °
DWR ID	DWR_NA0011_06_f _ 2018_58				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_58_20200225_00031.jpg



Minor erosion on landside slope. (Fall 2018)

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.51	Rating **	M	Issue No.	87	
LM End	6.51	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.967941 °	36.967941 °	
				-120.255467 °	-120.255467 °	
DWR ID	21532					
Comment Code						
Inspector Comment						
DS_ID:21532 FS_ID:52855 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 7/14/2016 Same as previous inspection. Need to coordinate with owner. Need permit number authorizing work. (DWR UCIP - omagana)5/06/2014 Need to contact owner. Crossing on landward side appears to be modified--no headwall found on landward end. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 30-inch corrugated metal pipe (CMP) of an unknown purpose through the levee, 12 feet below the crown. Slide gate in a 5-foot CMP riser on the waterside (WS) shoulder. Headwall and wing wall on the WS end. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 7/14/2016						

Photo 1 of 3 : UCIP_SP_2020_52855_69722.jpg



View of WS.

LM Start	6.51	Rating **	M	Issue No.	87 (cont)
LM End	6.51	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2020_52855_69724.jpg



View of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.51	Rating **	M	Issue No.	87 (cont)
LM End	6.51	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.967941 °	36.967941 °
				-120.255467 °	-120.255467 °
DWR ID	21532				

Photo 3 of 3 : UCIP_SP_2020_52855_69723.jpg



Additional structures found on LS.

LM Start	6.59	Rating **	M	Issue No.	29
LM End	7.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968013 °	36.968826 °
				-120.254054 °	-120.241295 °
DWR ID	DWR_NA0011_06_s_2020_29				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.74	Rating **	M	Issue No.	42
LM End	6.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968710 °	36.968710 °
				-120.251439 °	-120.251439 °
DWR ID	DWR_NA0011_06_f _ 2017_42				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris from waterside shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.96	Rating **	M	Issue No.	88
LM End	6.96	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.968786 °	36.968786 °
				-120.247473 °	-120.247473 °
DWR ID	21587				
Comment Code					
Inspector Comment					
DS_ID:21587 FS_ID:52860 EP_NO: 13837 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, 7.5 feet below the floodplain. The pipe extends to a 27-inch concrete standpipe in the overflow area and through the levee section to a 30-inch standpipe on the landside (LS). Positive closure device with walkway on the waterside (WS). (Plans to install a 20-inch concrete pipe through the levee for irrigation authorized under Permit No. 13837, 1984 - Averill Ranch). FS Date: 5/6/2014					

Photo 1 of 3 : UCIP_SP_2020_52860_64585.jpg



View of waterward side.

LM Start	6.96	Rating **	M	Issue No.	88 (cont)
LM End	6.96	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2020_52860_64588.jpg



View of concrete standpipe and lid found on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	6.96	Rating **	M	Issue No.	88 (cont)
LM End	6.96	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.968786 °	36.968786 °	
			-120.247473 °	-120.247473 °	
DWR ID	21587				

Photo 3 of 3 : UCIP_SP_2020_52860_64584.jpg



Inside view of standpipe located on waterward side.

LM Start	7.07	Rating **	M	Issue No.	43
LM End	7.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968801 °	36.968801 °
				-120.245557 °	-120.245557 °
DWR ID	DWR_NA0011_06_f _ 2017_43				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris from waterside shoulder.					

No Photos

LM Start	7.42	Rating **	M	Issue No.	44
LM End	7.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968851 °	36.968851 °
				-120.239236 °	-120.239236 °
DWR ID	DWR_NA0011_06_f _ 2017_44				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove collected wood debris from waterside shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	7.42	Rating **	M	Issue No.	89
LM End	7.42	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.968853 °	36.968853 °	
			-120.239154 °	-120.239154 °	
DWR ID	21588				

Comment Code

Inspector Comment

DS_ID:21588
FS_ID:52861
EP_NO: 13856
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, approximately 4 feet below the crown. The pipe extends from a 24-inch standpipe in the overflow area and through the levee section to a 36-inch standpipe on the landside (LS). Positive closure device with a walkway on the waterside (WS). (Plans to install a 20-inch concrete gravity irrigation pipe through the levee authorized under Permit No. 13856, 1984 - Averill Ranch).
FS Date: 5/6/2014

LM Start	7.42	Rating **	M	Issue No.	89 (cont)
LM End	7.42	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_52861_64590.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2020_52861_64589.jpg



Inside view of standpipe located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	7.42	Rating **	M	Issue No.	89 (cont)
LM End	7.42	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.968853 °	36.968853 °	
			-120.239154 °	-120.239154 °	
DWR ID	21588				

Photo 3 of 3 : UCIP_SP_2020_52861_64594.jpg



View of waterward slope.

LM Start	7.49	Rating **	U	Issue No.	52
LM End	7.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968886 °	36.968886 °
				-120.237967 °	-120.237967 °
DWR ID	DWR_NA0011_06_s_2018_52				
Comment Code					
PR : Prunings					
Inspector Comment					
Farmer is piling large tree limbs and branches at landward toe.					

Photo 1 of 1 : SP_2020_NA0011_147_52_20200225_00025.jpg



Looking upstream at prunings at landward toe. (Spring 2018)

LM Start	7.61	Rating **	M	Issue No.	59
LM End	7.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.968965 °	36.968965 °
				-120.235734 °	-120.235734 °
DWR ID	DWR_NA0011_06_s_2019_59				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_59_20200225_00032.jpg



View of vehicle tracks on landside slope. (Spring 2019)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	7.71	Rating **	M	Issue No.	47
LM End	8.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969600 °	36.971842 °
				-120.234229 °	-120.226393 °
DWR ID	DWR_NA0011_06_f_2017_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_47_20200225_00021.jpg



Bait traps should be maintained and rodent holes should be backfilled.

LM Start	7.71	Rating **	M	Issue No.	48
LM End	9.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.969600 °	36.972656 °
				-120.234229 °	-120.211787 °
DWR ID	DWR_NA0011_06_f_2017_48				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	7.73	Rating **	M	Issue No.	21
LM End	7.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.969822 °	36.971432 °
				-120.233897 °	-120.230862 °
DWR ID	DWR_NA0011_06_f _ 2019_21				
Comment Code					
PR : Prunings					
Inspector Comment					
Burn piles left along landside toe should be removed.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	7.91	Rating **	M	Issue No.	23
LM End	7.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.971293 °	36.971293 °
				-120.231180 °	-120.231180 °
DWR ID	DWR_NA0011_06_f _ 2019_23				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_23_20200225_00010.jpg



Damage to landside slope from vehicle traffic. (Fall 2019)

LM Start	7.95	Rating **	U	Issue No.	25
LM End	8.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.971485 °	36.971546 °
				-120.230566 °	-120.220596 °
DWR ID	DWR_NA0011_06_s_2020_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_25_20200504_00066.jpg



View of the waterside slope looking downstream. (Spring 2020)

LM Start	7.96	Rating **	M	Issue No.	32
LM End	7.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971543 °	36.971543 °
				-120.230285 °	-120.230285 °
DWR ID	DWR_NA0011_06_s_2017_32				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the brush pile from the levee slope. This pile is providing habitat for rodents.					

Photo 1 of 1 : SP_2020_NA0011_147_32_20200225_00014.jpg



Fresno River waterside levee mile 7.96.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Madera County FCWCA

No Photos

Fresno River levee mile 8.03 waterside slope and shoulder.

Fresno River levee mile 8.09.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	8.53	Rating **	M	Issue No.	90
LM End	8.53	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.971462 °	36.971462 °
				-120.220276 °	-120.220276 °
DWR ID	21534				
Comment Code					
Inspector Comment					
DS_ID:21534 FS_ID:52864 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2014 Need to contact owner. Rip rap has been added around concrete headwall on waterward side--need to determine details for rip rap around structure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014					

LM Start	8.53	Rating **	M	Issue No.	90 (cont)
LM End	8.53	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_52864_64596.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2020_52864_64599.jpg



Rip rap around concrete headwall located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	8.53	Rating **	M	Issue No.	90 (cont)
LM End	8.53	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.971462 °	36.971462 °	
			-120.220276 °	-120.220276 °	
DWR ID	21534				

Photo 3 of 3 : UCIP_SP_2020_52864_64598.jpg



Flap gate visible on waterward side.

LM Start	8.57	Rating **	M	Issue No.	11
LM End	8.57	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971347 °	36.971347 °
				-120.219640 °	-120.219640 °
DWR ID	DWR_NA0011_06_f_2019_11				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_11_20200225_00003.jpg



Pruning pile left on waterside shoulder and levee crown. (Fall 2019)

LM Start	8.59	Rating **	M	Issue No.	55
LM End	8.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971314 °	36.971314 °
				-120.219339 °	-120.219339 °
DWR ID	DWR_NA0011_06_f _ 2018_55				
Comment Code					
RA : Ramp					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0011_147_55_20200225_00029.jpg



Unpermitted ramp on waterside slope. (Fall 2018)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	8.93	Rating **	U	Issue No.	50
LM End	8.93	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.972286 °	36.972286 °
				-120.213284 °	-120.213284 °
DWR ID	DWR_NA0011_06_f _ 2017_50				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove or burn pruning pile on crown.					

Photo 1 of 1 : SP_2020_NA0011_147_50_20200225_00022.jpg



Pruning pile left on waterside shoulder and crown. (Fall 2019)

LM Start	8.94	Rating **	U	Issue No.	91	
LM End	8.94	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.972307 °	36.972307 °	
				-120.213185 °	-120.213185 °	
DWR ID	21530					
Comment Code						
Inspector Comment						
DS_ID:21530 FS_ID:53156 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/31/2018 Same as last inspection. Surface erosion present due to highly erodible soil. Deep hole behind concrete headwall presently unable to confirm if hole is associated with burrow activity or sink hole. Recommend internal inspection to determine pipe integrity through the levee. Crossing remains Urgent due to the unknown condition of the pipe integrity through the levee. (O. Magana - DWR UCIP) 07/14/2016 Surface erosion still present on LS shoulder. Unable to determine if surface erosion is due to internal pipe failure. Unable to locate concrete headwall on WS toe. Need to coordinate with owner to address erosion or potential pipe failure. Also recommend removing dense vegetation on WS. (DWR UCIP - omagana) 05/06/2014 Need to contact owner. Surface erosion on landward slope unable to determine if pipe failed or if rodent activity burrow hole has caused collapse on slope. Need to determine cause for erosion. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/31/2018 10:21:00 AM						

Photo 1 of 3 : UCIP_SP_2020_53156_64605.jpg



View of WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	8.94	Rating **	U	Issue No.	91 (cont)
LM End	8.94	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.972307 °	36.972307 °	
			-120.213185 °	-120.213185 °	
DWR ID	21530				

Photo 2 of 3 : UCIP_SP_2020_53156_64604.jpg



Flap gate visible on WS.

LM Start	8.94	Rating **	U	Issue No.	91 (cont)
LM End	8.94	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_53156_64603.jpg



View of LS.

LM Start	8.99	Rating **	U	Issue No.	51
LM End	8.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972526 °	36.972526 °
				-120.212226 °	-120.212226 °
DWR ID	DWR_NA0011_06_s_2018_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large rodent hole on landward slope.					

Photo 1 of 1 : SP_2020_NA0011_147_51_20200225_00024.jpg



Looking at typical rodent holes on landward slope. (Spring 2018)

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	04/15/2020 04/15/2020	Corey Fujitani

LM Start	8.99	Rating **	U	Issue No.	22
LM End	8.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.972527 °	36.972527 °
				-120.212225 °	-120.212225 °
DWR ID	DWR_NA0011_06_s_2018_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Large finger erosion located on the landward slope.					

Photo 1 of 1 : SP_2020_NA0011_147_22_20200225_00009.jpg



Looking at finger erosion on landward slope. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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